

What is claimed is:

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1. ~~A body mounting type display system, comprising:~~

a display device to be worn by a user;

a computer situated away from the display device and
5 outputting a signal corresponding to at least display data; and

a radio transmission device disposed between the display
device and the computer, and including a computer side output
transmission circuit connected to the computer and a body side
output transmission circuit connected to the display device so that
10 the signal at the computer is transmitted to the display device by
wireless.

2. A body mounting type display system according to claim 1,
wherein said computer side output transmission circuit includes a
15 first buffer memory to which data corresponding to the signal is
written by the computer, a first reading device for reading data
stored in the first buffer memory and converting the data to a
communication signal, and a first sending device for sending the
communication signal; said body side output transmission circuit
20 includes a first receiving device for receiving the communication
signal sent from the computer side output transmission circuit, and
a first restoring device for restoring the received communication
signal to a restored signal corresponding to the signal outputted
from the computer.

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3. A body mounting type display system according to claim 2,
further comprising an image output interface connected to the first
restoring device and the display device for producing a signal for

~~actuating the display device based on the restored signal outputted from the first restoring device.~~

4. A body mounting type display system, comprising:

5 a display device to be worn by a user,
an image output interface connected to the display device,
a computer located away from the display device for outputting
a signal corresponding to display data for the display device and
having a bus line; and

10 a signal transmission device disposed between the display
device and the computer, and including a computer side output
transmission circuit connected to the computer through the bus line
and a body side output transmission circuit connected to the
display device through the image output interface, said computer
15 side output transmission circuit having a first buffer memory to
which data corresponding to the signal outputted through the bus
line is written by the computer, a first reading device for reading
the data stored in the first buffer memory and converting the data
to a communication signal and a first sending device for sending
20 the communication signal, said body side output transmission
circuit including a first receiving device for receiving the
communication signal sent from the first sending device and a first
restoring device for restoring the received communication signal to
a signal corresponding to the signal outputted through the bus
25 line, said image output interface producing a signal for actuating
the display device based on the communication signal.

~~5. A body mounting type display system according to claim 4,~~

further comprising:

an input device held by the user, and

an input interface connected to the input device, an input signal produced by the input device being converted to a signal transmissible by the bus line of the computer through the input interface,

wherein said signal transmission device includes a computer side input transmission circuit connected to the bus line of the computer, and a body side input transmission circuit connected to the input device through the input interface, said body side input transmission circuit having a second converting device for converting a signal transmitted from the input interface to a communication signal and a second sending device for sending the communication signal, said computer side input transmission circuit having a second receiving device for receiving the communication signal sent from the second sending device, a second restoring device for restoring the received communication signal to a signal corresponding to the signal transmitted from the input interface, and a second buffer memory for storing as input data the signal from the second restoring device, said input data stored in the buffer memory being read by the computer through the bus line.

6. A body mounting type display system according to claim 5, further comprising: an output device different from the display device and worn by the user, and an output interface for connecting the output device to the body side output transmission circuit, said computer outputting a signal corresponding to an output content of the output device through the bus line, said output

~~interface producing a signal for actuating the output device based on the signal corresponding to the output content among signals restored by the body side output transmission circuit.~~

- 5 7. A body mounting type display system according to claim 5, wherein said communication signal is transmitted from a sending side to a receiving side by radio transmission.

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